

# **PINK BOLLWORM PROGRAM – WEEKLY REPORT**

## **38 YEARS OF SERVICE TO COTTON GROWERS**

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Week Ending September 30, 2006

### **Pink Bollworm Activities**

#### **Palo Verde and Imperial Valleys:**

There were 36,821 native pink bollworm (PBW) moths captured during the week, which represents about a 25% increase from last week's captures. Six more traps were removed from plowed cotton fields in the Bard area. Fields are being selected and tested for boll collection sites for the *Bt* resistance-monitoring program.

Accumulated heat units in the Brawley area are 5 days ahead of last year. The peak of the fifth generation is expected 10/06/06. The Palo Verde fifth field generation is projected to be 10/21/06.

#### **San Joaquin Valley:**

Nine (9) native pink bollworm moths were trapped this week compared with seven (7) last week and nine (9) during the previous week. This brings the season total to forty-two (42), compared to sixty-nine (69), found by this date in 2005. The ID Lab examined 280 traps, down 30% from the previous week and identified 2,091 sterile moths, down 11.8%. The decreases are most likely due to a cooling trend during the week with nighttime temperatures falling below 60 degrees. The ID Lab has identified approximately 133,731 sterile PBW moths to date.

Sterile release is going well using the alternative truck release system. The daily deliveries of 2 million moths are being dispersed on select 2006 Native find sites. The last sterile moth release in the San Joaquin Valley was performed on September 29<sup>th</sup>. A total of 268.1 million sterile moths were released this season.

The last day of detection trapping for the San Joaquin Valley is set for October 13<sup>th</sup>.

#### **Sacramento Valley:**

There are currently 59 traps installed in the cotton fields of the Sacramento Valley. The traps will be inspected and removed the week of October 2nd.